Ontario

Ministry of
Northern Development
and Mines

René Fontaine
Minister
George Tough
Deputy Minister

ONTARIO GEOLOGICAL SURVEY

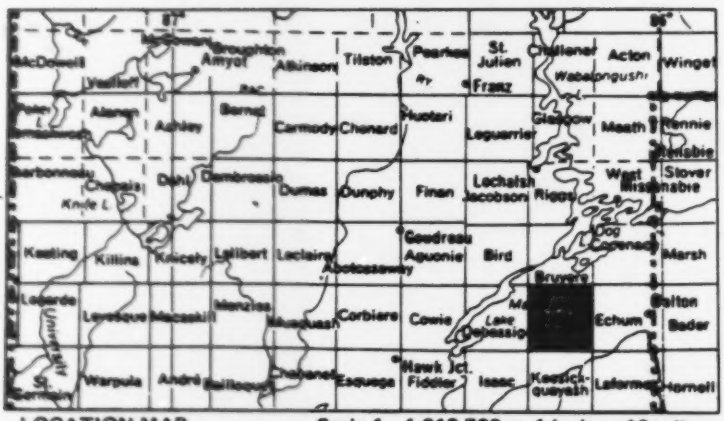
GEOLOGICAL DATA INVENTORY FOLIO

GDIF 298

DOLSON TOWNSHIP

DISTRICT OF ALGOMA

Compiled by the staff of
the Resident Geologist's Office
Sault Ste. Marie



LOCATION MAP

Scale 1 : 1 013 760 or 1 inch to 16 miles

86-04705/

NTS Number 42 C/1

Mining Claim Map Number M - 1504

STATEMENT This inventory is unedited. Discrepancies may occur for which the Ontario Geological Survey does not assume liability. Information from this source may be quoted if credit is given. Reference to this inventory should be made as follows

Ontario Geological Survey
1986: Dolson Township, District of Algoma; Ontario Geological Survey, Geological Data Inventory Folio 298 , compiled by the staff of the Resident Geologist's Office, Sault Ste. Marie, 18 pages and 2 maps.

Original Compilation by: Messenger, D.E., 1985

Date	Page Revised	Revised by

Date	Page Revised	Revised by

DOLSON TOWNSHIP

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ACCOMPANYING MAPS

Property Location Map - 1 map

Exploration Data Map - 1 map

Map Scale 1: 31 680 or 1 inch to ½ mile

CONVERSION FACTORS FOR MEASUREMENTS IN ONTARIO GEOLOGICAL SURVEY PUBLICATIONS

If the reader wishes to convert imperial units to SI (metric) units or SI units to imperial units the following multipliers should be used:

CONVERSION FROM SI TO IMPERIAL			CONVERSION FROM IMPERIAL TO SI		
SI Unit	*Multiplied by*	*Gives*	*Imperial Unit*	*Multiplied by*	*Gives*
			LENGTH		
1 mm	0.039 37	inches	1 inch	**25.4**	mm
1 cm	0.393 70	inches	1 inch	**2.54**	cm
1 m	3.280 84	feet	1 foot	**0.304 8**	m
1 m	0.049 709 7	chains	1 chain	20.116 8	m
1 km	0.621 371	miles (statute)	1 mile (statute)	**1.609 344**	km
			AREA		
1 cm^2	0.155 0	square inches	1 square inch	**6.451 6**	cm^2
1 m^2	10.763 9	square feet	1 square foot	**0.092 903 04**	m^2
1 km^2	0.386 10	square miles	1 square mile	2.589 988	km^2
1 ha	2.471 054	acres	1 acre	0.404 685 6	ha
			VOLUME		
1 cm^3	0.061 02	cubic inches	1 cubic inch	**16.387 064**	cm^3
1 m^3	35.314 7	cubic feet	1 cubic foot	0.028 316 85	m^3
1 m^3	1.308 0	cubic yards	1 cubic yard	0.764 555	m^3
			CAPACITY		
1 L	1.759 755	pints	1 pint	0.568 261	L
1 L	0.879 877	quarts	1 quart	1.136 522	L
1 L	0.219 969	gallons	1 gallon	**4.546 090**	L
			MASS		
1 g	0.035 273 96	ounces (avdp)	1 ounce (avdp)	28.349 523	g
1 g	0.032 150 75	ounces (troy)	1 ounce (troy)	**31.103 476 8**	g
1 kg	2.204 62	pounds (avdp)	1 pound (avdp)	**0.453 592 37**	kg
1 kg	0.001 102 3	tons (short)	1 ton (short)	**907.184 74**	kg
1 t	1.102 311	tons (short)	1 ton (short)	**0.907 184 74**	t
1 kg	0.000 984 21	tons (long)	1 ton (long)	**1016.046 908 8**	kg
1 t	0.984 206 5	tons (long)	1 ton (long)	**1.016 046 908 8**	t
			CONCENTRATION		
1 g/t	0.029 166 6	ounce (troy)/ ton (short)	1 ounce (troy)/ ton (short)	34.285 714 2	g/t
1 g/t	0.583 333 33	pennyweights/ ton (short)	1 pennyweight/ ton (short)	1.714 285 7	g/t

OTHER USEFUL CONVERSION FACTORS

1 ounce (troy)/ton (short)	20.0	pennyweights/ton (short)
1 pennyweight/ton (short)	0.05	ounce (troy)/ton (short)

One gram(g) per tonne is equivalent to one part per million (1 ppm).

NOTE–Conversion factors which are in bold type are exact. The conversion factors have been taken from or have been derived from factors given in the Metric Practice Guide for the Canadian Mining and Metallurgical Industries published by The Mining Association of Canada in co-operation with the Coal Association of Canada.

DATA SOURCES CHECK LIST

NOTE: The following sources have been searched to compile the data for this area. If no reference data was found the appropriate box is marked 'no'; if reference data was found, the box is marked 'yes'.

All reference data found are included in the following pages. If the box is blank, the data source has not yet been searched. If the box is marked N.A., the source item is Not Applicable to this area and therefore not searched.

	SOURCES OF DATA	Data	Initial
1	Resident Geologist's Office Files	Yes	D.M.
2	Assessment Files Research Office, Toronto	Yes	A.F.R.O.
3	ODM General Index; 9 Volumes	Yes	D.M.
4	Catalogue of Airborne Geophysical Surveys (ODM)	Yes	D.M.
5	ODM Mineral Resources Circulars and OGS Mineral Deposits Circulars	Yes	D.M.
6	ODM Industrial Mineral Reports	No	D.M.
7	Bibliography of Post Precambrian Theses - Karrow (ODM MP 1)	No	D.M.
8	Bibliography of Precambrisn Theses - Ginn (ODM MP 2)	No	D.M.
9	Newspaper Clippings File	Yes	D.M.
10	GSC Index to Publications	Yes	D.M.
11	OGS Index to Published Maps and Reports - MP 77 and Supplements to MP 77	Yes	D.M.
12	OGS Index Maps	Yes	D.M.
13	Source Mineral Deposit Records (O.G.S.)	No	D.M.
14	Author - Subject Articles File	No	D.M.
15	Miscellaneous Papers: ODM & OGS	Yes	D.M.
16	ODM Geological Circulars: OGS Study Series	No	D.M.
17	ODM Preliminary Reports: ODM Bulletins	No	D.M.
18	ODM – OGS Open File Reports	Yes	D.M.
19	OGS Northern Ontario Engineering Geology Terrain Studies	Yes	D.M.
20	OGS Aggregate Resources Inventory Papers	No	D.M.
21	OGS Mineral Potential Maps	Yes	D.M.
22	Algoma Central Railway Maps	Yes	D.M.

METALS AND MINERALS REFERENCES LIST

- △ anh. . . . . .Anhydrite
- △ ank. . . . . .Ankerite
- △ anna . . . . . Annabergite
- △ ap. . . . . .Apatite
- △ arg . . . . . Argentite
- △ As . . . . . .Arsenic
- △ asp . . . . . .Arsenopyrite
- △ asb . . . . . .Asbestos
- △ ba. . . . . .Barite
- △ be. . . . . .Beryl
- △ Bi. . . . . .Bismuth
- △ bn . . . . . .Bornite
- △ bran . . . . . .Brannerite
- △ bruc . . . . . .Brucite
- △ Cd . . . . . Cadmium
- △ calc. . . . . Calcite
- △ carb . . . . . .Carbonate
- △ cel . . . . . .Celestite
- △ cc. . . . . .Chalcocite
- ▲ cp. . . . . .Chalcopyrite
- △ ch. . . . . .Chert
- △ clay . . . . . .Clay
- △ Co . . . . . Cobalt
- △ cob. . . . . Cobaltite
- △ cb. . . . . .Columbite
- ▲ Cu . . . . . .Copper
- △ cor . . . . . Corundum
- △ dol . . . . . Dolomite
- △ ep. . . . . Epidote
- △ ery . . . . . Erythrite
- △ fel . . . . . .Feldspar
- △ fl . . . . . .Fluorite (flurospar)
- △ fu. . . . . .Fuchsite
- △ gn. . . . . .Galena
- △ gt. . . . . .Garnet
- △ goe . . . . . .Goethite
- △ Au . . . . . Gold
- △ gf. . . . . .Graphite
- △ gl . . . . . Gravel
- △ gyp. . . . . .Gypsum
- △ hem . . . . . Hematite
- △ il . . . . . Ilmenite
- ▲ Fe . . . . . .Iron
- △ IF. . . . . Iron Formation
- △ jas . . . . . Jasper
- △ kaol . . . . . .Kaolinite (kaolin)
- △ ky . . . . . Kyanite
- △ Pb . . . . . Lead
- △ lim . . . . . Limonite
- △ Li. . . . . Lithium
- △ mgst . . . . . Magnesite
- △ mag . . . . . Magnetite
- △ mc . . . . . Malachite
- △ Mn . . . . . Manganese
- △ mb . . . . . Marble
- △ mar. . . . . Marcasite
- △ ma . . . . . .Marl
- △ mi . . . . . Mica
- △ ml . . . . . Millerite
- △ mo . . . . . Molybdenite
- △ Mo . . . . . .Molybdenum
- △ mon . . . . . Monazite
- △ ne. . . . . Nephelite (nepheline)
- △ nc. . . . . .Niccolite
- △ Ni. . . . . Nickel
- △ Nb . . . . . .Niobium
- △ Pd . . . . . Palladium
- △ peat . . . . . .Peat
- △ pent . . . . . .Pentlandite
- △ Pt. . . . . .Platinum
- ▲ py . . . . . .Pyrite
- △ pyl . . . . . Pyrochlore
- △ pyrl . . . . . .Pyrolusite
- ▲ po . . . . . .Pyrrhotite
- △ q . . . . . Quartz
- △ qcv . . . . .Quartz carbonate vein
- △ ra. . . . . .Radioactive minerals
- △ RE . . . . . .Rare Earths
- △ sd. . . . . Sand
- △ sgl . . . . . Sand and gravel
- △ ss . . . . . .Sandstone
- △ scap . . . . . Scapolite
- △ shee . . . . . .Scheelite
- △ serp . . . . . Serpentine
- △ sh. . . . . Shale
- △ sid . . . . . Siderite
- △ si . . . . . Silica
- △ Ag . . . . . .Silver
- △ sl . . . . . Slate
- △ sm . . . . . .Smaltite
- △ sod . . . . . Sodalite
- △ spec . . . . . Specularite
- △ sp. . . . . .Sphalerite
- △ spd . . . . . .Spodumene
- △ staur . . . . . .Staurolite
- △ stib. . . . . Stibnite
- △ st . . . . . .Stone
- △ talc. . . . . .Talc
- △ Te . . . . . Tellurium
- △ td. . . . . Tetrahedrite
- △ th. . . . . .Thorite
- △ Th . . . . . .Thorium
- △ thuc . . . . . Thucholite
- △ ti . . . . . Titanite
- △ Ti. . . . . Titanium
- △ tour . . . . . .Tourmaline
- △ trap . . . . . Trap rock
- △ W. . . . . Tungsten
- △ uran . . . . . Uraninite
- △ U . . . . . .Uranium
- △ verm . . . . . .Vermiculite
- △ Y . . . . . Yttrium
- ▲ Zn . . . . . .Zinc
- △ zr . . . . . Zircon

Solid triangles indicate metal and mineral occurrences shown on the accompanying maps.

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
A	Ontario Syndicate	py,po,Cu			-OGS Map 2483 -OGS Map P.2302
B	Ontario Syndicate	Zn			-OGS Map 2483 -ODM Map 2220
C	Unnamed Occurrence	py,po		MDC-12 p.76	-OGS Map 2483 -file Dolson 0011-A1 -ODM Map 2220
D	MacFie Explorations Ltd.	py		MDC-12 p.76	-OGS Map 2483 -file Dolson 0011-A1 -ODM Map 2220
E	Unnamed Occurrence	cp		MDC-12 p.76	-OGS Map 2483 -file Dolson 0011-A1 -ODM Map 2220
F	Unnamed Occurrence	po			-OGS Map 2483 -OGS Map P.2302
G	Unnamed Occurrence	Cu,Fe		MDC-11 p.46	-ODM Maps P.184 & 2206G -ODM Map 2220

DOLSON TOWNSHIP

TYPE OF WORK	Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE SAULT STE. MARIE COMPANY/AUTHOR (file number)	GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
1 MacFie Expl. Ltd. (Dolson 0010-A1)				55	55														
2 Hopkins, P.E. (Dolson 0010-B1)			56	56			56												
3 Hopkins, P.E. (Dolson 0010-D1)			57 60	57	57		57 60												
4 Algoma Central Railway MacIntosh, J.A. (Dolson 0011-A1)	62						62												
5 Belmine Exploration Ltd. (Dolson 0011-B1)				56			56												
6 Multi-Minerals Ltd. (Dolson 0011-C1)				68															
6 Multi-Minerals Limited (Dolson 0014-A1)				66	66		66												
7 Belmine Exploration Ltd. (Dolson 0013)							56					56							

DOLSON TOWNSHIP

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE SAULT STE. MARIE	COMPANY/AUTHOR (file number)	GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY	COMPILATION MAP		
8	Frobisher Ltd. (Dolson 0012)				56			56												
9	Talisman Mines Ltd. (Dolson 0014-B1)							68												
10	Umex Corporation Ltd. (Cowie 0014-A1)																	74		
11	Frobisher Ltd. (Dolson 0015) Hopkins Expl. Consultants							56	55	55	55									
12	Tundra Gold Mines Ltd. (Dolson 0016)							84	83	83										
13	Tundra Gold Mines Ltd. (Dolson 0017-A1)							83	83	83										
14	Ontario Syndicate (Bruyere 0012)							70 71	70	70		71	71							

GDIF FORM NO. 2

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
1	MacFie Expl. Ltd.	E-1	1955	55°W	-45°	6.9'	429'	cp,po,q	
2	MacFie Expl. Ltd.	A1	1955	60°E	-45°	5.0'	145'	q,ep,cp,po	
3	MacFie Expl. Ltd.	A3	1955	N60°E	-45°	6.1'	87.7'	q,ep,cp	Cu,Ni
4	MacFie Expl. Ltd.	B1	1955	East	-45°	1.7'	149.0'	q,cp,py,ep, po,pent	Cu,Ni
5	MacFie Expl. Ltd.	B2	1955	East	-45°	5.9'	110.0'	q	
6	Hopkins, P.E.	H-1	1956	240°	-45°	7.0'	500.0'	carb,py,po, cp,sp,q	
7	Hopkins, P.E.	H-2	1956	332°	-45°	11.0'	521.0'	py,po,carb, cp,q,sp	
8	Hopkins, P.E.	3	1957	N10°W	-65°	0	51.0'	po,q,mag,py, cp	Au,Ni,Cu, Co
9	Hopkins, P.E.	4	1957	200°	-45°	0	25.0'	po,q,py,cp, ep,carb	Ni,Co,Au, Ag,Pt
9	Hopkins, P.E.	5	1957	100°	-65°	0	50.0'	q,py,cp,po, carb	Ni,Cu,Au, Ag,Pt
9	Hopkins, P.E.	6	1957	298°	-70°	0	50.0'	po,cp,q,gt, carb,py	Ni,Cu,Au, Ag,Pt
10	Hopkins, P.E.	7	1957	15°	-60°	0	28.8'	carb,po	

GDIF FORM NO. 3

DOLSON TOWNSHIP

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
11	Belmine Expl. Ltd.	B-3	1956	S75°W	-45°	15'	407.0'	q,sp,po,cp, mag,IF	
12	Belmine Expl. Ltd.	B-2	1956	S75°W	-45°	17'	571.5'	q,carb,po, py,IF,sp,cp, mag	
13	Belmine Expl. Ltd.	B-4	1956	S75°W	-45°	9'	400.4'	q,IF,mag,po, py	
14	Belmine Expl. Ltd.	B-5	1956	S75°W	-45°	14'	260.0'	IF,po	
15	Belmine Expl. Ltd.	#1	1956	S45°W	-50°	27'	450.0'	qcv,mag,py	
16	Multi-Minerals Ltd.	68-T25-1	1968	244°	-45°	22'	344.0'	py,po,cp, carb	
16	Multi-Minerals Ltd.	AW-4	1966	250°	-50°	9'	35.0'	qcv	
17	Multi-Minerals Ltd.	68-T25-2	1968	262°	-45°	20'	307.0'	py,po,q,cp	
18	Multi-Minerals Ltd.	68-T25-3	1968	260°	-45°	14'	357.0'	py,po,q,gt, IF,mag,cp	
19	Frobisher Ltd.	1	1956	200°	-45°	7'	498.0'	carb,q,py, ep,mag,po, gf	
20	Frobisher Ltd.	2	1956	200°	-45°	17'	453.0'	po,mag,cp	

GDIF FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
21	Frobisher Ltd.	3	1956	200°	-45°	9'	349.0'	q,po,mag,cp	
22	Frobisher Ltd.	4	1956	200°	-45°	8'	562.0'	mag,po,cp,q	
23	Frobisher Ltd.	5	1956	200°	-45°	10'	320.0'	py,po,cp,q, mag	
24	Frobisher Ltd.	6	1956	200°	-45°	10'	370.0'	mag,po,q,cp, py	
25	Frobisher Ltd.	7	1956	200°	-45°	6'	443.0'	mag,IF,po, cp,q	
26	Multi-Minerals Ltd.	AW-1	1966	250°	-40°	19'	220.0'	carb,py,po	Ni,Cu,Au, Ag
27	Multi-Minerals Ltd.	CW-1	1966	260°	-45°	11'	72.0'	qcv,po,cp	Ni,Cu,Au, Ag
28	Multi-Minerals Ltd.	CW-2	1966	290°	-45°	14'	141.0'	po,cp	Ni,Cu,Au, Ag

GDIF FORM NO. 3

DOLSON TOWNSHIP

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for

GDIF FORM NO. 3

AIRBORNE GEOPHYSICAL SURVEY DATA

No.	By / For	Type of Survey	Flight Altitude	Flight Line Direction	Flight Line Spacing
11	-by Aeromagnetic Surveys -for Frobisher Ltd.	-a. Electromagnetic -b. Magnetometer	500'	N60°E	1000'
12	-by Aerodat Limited -for Tundra Gold Mines Ltd.	-a. Electromagnetic -b. Magnetic	60 m.	NE-SW	660'
13	-by Aerodat Limited -for Tundra Gold Mines Ltd.	-a. Electromagnetic -b. Magnetic	60 m.	NW-SE	660'
14	-by Questor Surveys -for Ontario Syndicate	-a. Electromagnetic -b. Magnetic	400'	NW-SE	1/8 mi.

GDIF FORM NO. 4

DOLSON TOWNSHIP

Map Sample Site Reference Number	GEOCHEMICAL SURVEY DATA		By	Reference
	Type of Survey	Analysis For		
1	Lake Sediment	Zn,Cu,Pb,Ni,Co,Ag,Mn,As, Mo,Fe,U,F	OGS-GSC 1979	OGS-OFR 5267

GDIF FORM NO.5

MISCELLANEOUS DATA

AGE DATING

Site	Method	Material	Reference	Result

NEWSPAPER CLIPPINGS FILE

NOTE: A file of newspaper clippings about the companies listed below, who have worked in this area, is maintained in the Regional/Resident Geologist's Office. Sault Ste. Marie

-Multi-Minerals Ltd.

-Talisman Mines Ltd.

-Texmont Mines Ltd.

ODM GENERAL INDEX SEARCH

Words searched:

Township 25, Range 25
Dolson Township
Boisey Creek
Dingman Lake
Dingman Creek
Heather Lake
Jill Lake
McMurty Creek
Murray Creek
Noranda Lake

Index Volume	Listing:	Report Volume	Part	Page
I	no listings			
II	no listings			
III	no listings			
IV	no listings			
V	no listings			
VI	no listings			
VII	no listings			
VIII	Tp. 25, Range 25, Algoma Dist.			
	copper	MRC 012		76-77
	iron	MRC 011		45
IX	no listings			

GDIF FORM NO. 8

ODM GENERAL INDEX SEARCH

Words searched:

Index Volume	Listing:	Report Volume	Part	Page

GDIF FORM NO. 8

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
Algoma Central Railway	1964	Manitowik Lake - Localsh	ACR Map 42C 1&8	1" to 1 mi.
Bell, R.	1899	Summary Report 1898	GSC Vol. XI pt.A	P. 99-106
Collins, W.H., Quirke, T.T., Thomson, E.	1926	Michipicoten Iron Ranges	GSC Memoir 147 Pt.2 GSC Map 2050	P.143-161 1" to 1 mi.
Downes, M.J.	1978	Lake Matchinameigus Area, District of Algoma	OGS M.P.82	P. 98-100
Downes, M.J.	1981	Matchinameigus Lake Area	OGS OFR 5330 Map P.2302	59 pages 1:15840
Downes, M.J.	1983	Geology of the Matchinameigus Lake Area, District of Algoma	OGS Report 233 with Map 2483	40 pages 1" to 1/2 mi.
Leahy, E.J., Rupert, R.J., Giblin, P.E.& Giguere, J.F.	1971	Wawa Sheet	ODM Prelim. Map P.640	1" to 2 mi.
McQuay, D.F.	1980	Northern Ontario Geology Terrain Study, Goudreau Area	NOEGTS Study 73 Map 5097	14 pages 1:100 000
ODM-GSC	1963	Aeromagnetic Map: Manitowik Lake	ODM-GSC Map 2206G	1" to 1 mi.

GDIF FORM NO.9

DOLSON TOWNSHIP

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
OGS-GSC	1979	Regional Lake Sediment and Water Geochemical Reconnaissance Data, Eastern Shore Lake Superior	OGS OFR 5267 and 16 maps	83 pages 1:250 000
Springer, Janet	1977	Ontario Mineral Potential, White River Sheet	OGS Prelim. Map P.1519	1:250 000
V.G. Milne, et al	1972	Manitouwadge - Wawa Sheet	OGS Map 2220	1" to 4 mi.

GDIF FORM NO.9

NOTES AND ADDENDA

-Dolson Township was formerly called Township 25, Range 25.

-Brief computer based index level data files pertaining to mineral occurrences in this township or area can be found in:

1. Rose, D.G.
1985: Mineral Inventory of the Sudbury - Timmins - Sault Ste. Marie Region, Ontario; Geological Survey Canada Open File 1087.

GDIF FORM NO.10

BRUYERE TOWNSHIP

★ 4 Whole Twp
★ 10 Whole Twp

Upper Dingmar Lake

Dingmar Cr

McMurray

Murray

84°09 '00"

48°11 '00"

DEBASSIGE TOWNSHIP

ECHUM TOWNSHIP

Boisey Cr

Ministry of Northern Development and Mines

Ontario

René Fon
Minister

George T
Deputy Minis

ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 298

(Map 1 of 2)

DOLSON TOWNSH

DISTRICT OF ALGOMA

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1

BRUYERE TOWNSHIP

★ 4 Whole Twp
★ 10 Whole Twp

84°09'00"
48°11'00"

ECHUM TOWNSHIP

Ontario Ministry of Northern Development and Mines

René Fontaine
Minister

George Tough
Deputy Minister

ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 298

(Map 1 of 2)

DOLSON TOWNSHIP

DISTRICT OF ALGOMA

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 298

(Map 1 of 2)

DOLSON TOWNSH

DISTRICT OF ALGOMA

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1

DEBASSIGE TOWNSHIP

ECHUM TOWNSHIP

KEESICKQUAYASH TOWNSHIP

Boisey Cr

48°07 '00"

84°16 '00"

EXPLORATION DATA FILE AREAS

■ 1 6 Reference number is always inside work area out
See listing in text pages.

□ x 4 Small area exploration.

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 298

(Map 1 of 2)

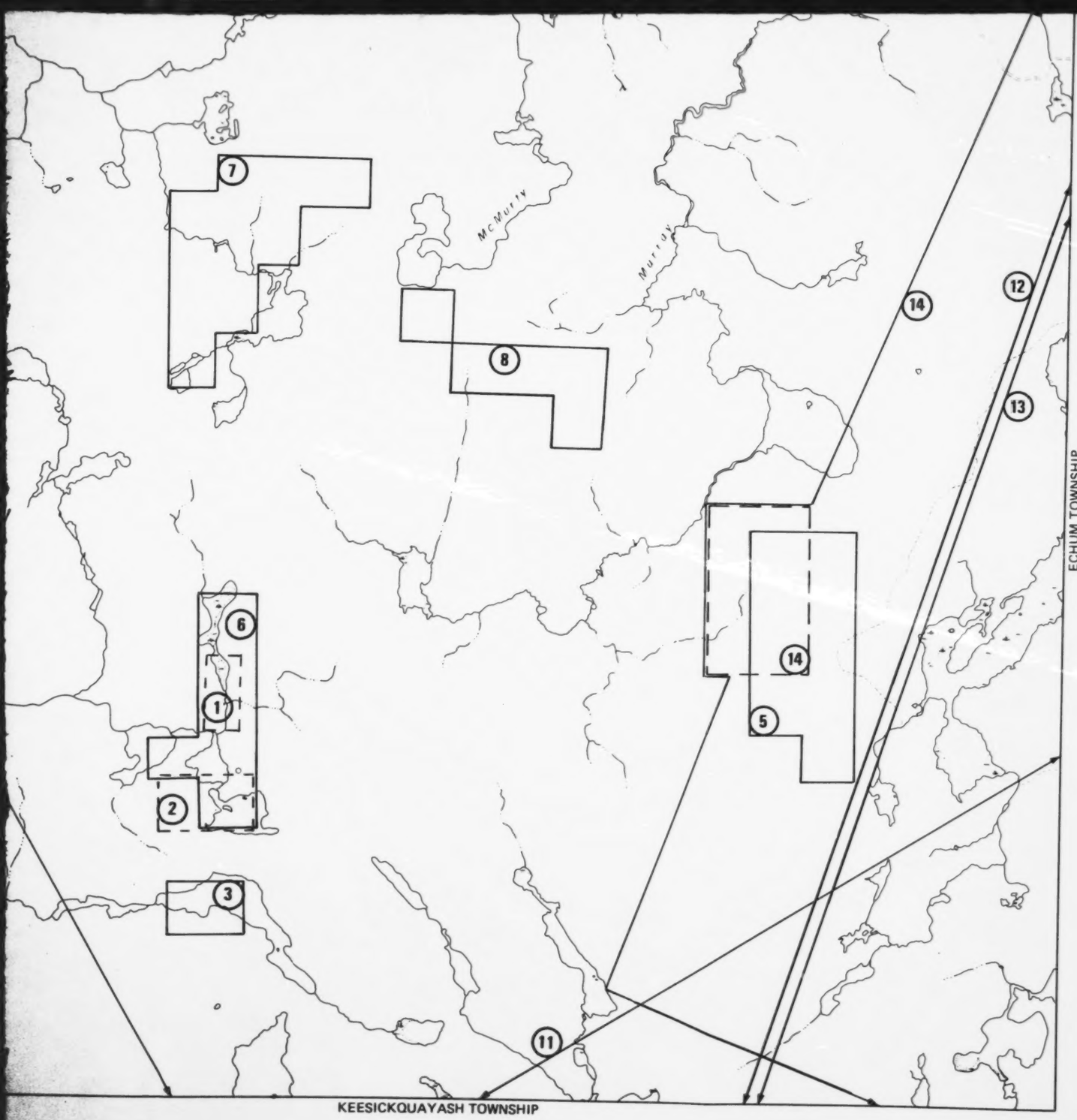
DOLSON TOWNSHIP

DISTRICT OF ALGOMA

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile



EXPLORATION DATA FILE AREAS

■ 1 6 Reference number is always inside work area outlined. See listing in text pages.

□ x 4 Small area exploration.

TYPES OF DATA SHOWN ON THIS MAP

GEOCHEMICAL AND GEOCHRONOLOGICAL DATA

- Geochemical sample site, with reference number
- Area of geochemical sampling, with reference number
- Age dating material sampling site, with reference number

GEOPHYSICAL ANOMALIES

- AM — Airborne magnetic anomaly
- Airborne electromagnetic anomaly
  Length of anomaly along flight line
- Airborne electromagnetic anomaly
  Location of anomaly along flight line
- Airborne electromagnetic anomaly
  Conductor axis: definite, probable, possible
- ARA — Airborne radiometric anomaly
- M — Ground magnetic anomaly
- VL — Ground electromagnetic anomaly
  (VL - Vertical loop; HL - Horzontal loop;
  VLF - Very low freq; Turam; JEM -
  Crone Em - 16)
- RA — Ground radiometric anomaly
- IP — Induced polarization anomaly
- SP — Self potential anomaly
- AFMAG — Audio-frequency magnetic anomaly
  (total intensity)
- R — Resistivity anomaly
- GR — Gravity anomaly

MISCELLANEOUS DATA

- Trenching, pit
- Rock quarry
- Adit
- Sand and/or gravel pit
- Open pit

BRUYERE TP

DEBASSIGE TP

Upper Dingman Lake

Dingman Cr.

McMurty Cr.

Murray Cr.

Boisey Cr.

F Pb

G Cu, Fe

E Cu

C Py, Cu

D Py

B Zn

Ministry of Northern Development and Mines

Ontario

René Fontaine
Minister

George Tough
Deputy Minister

ONTARIO GEOLOGICAL SURVEY

EXPLORATION DATA MAP

GEOLOGICAL DATA INVENTORY FOLIO 298

(Map 2 of 2)

DOLSON TOWNSHIP

DISTRICT OF ALGOMA

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP

MINERAL OCCURRENCES

- cp A. — Mineral occurrence at surface, with reference letter
- Au A. 84' — Mineral occurrence with shaft, depth given with reference letter
- Ag A. — Mineral occurrence reported but exact location uncertain, with reference letter
- cp A. — Mineralized float with reference letter

DRILLHOLE

- ●² — Location of single drillhole, with reference number
- ◎² — Location of closely spaced group of drillholes, with reference number

GEOPHYSICAL ANOMALIES

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- □ Open pit
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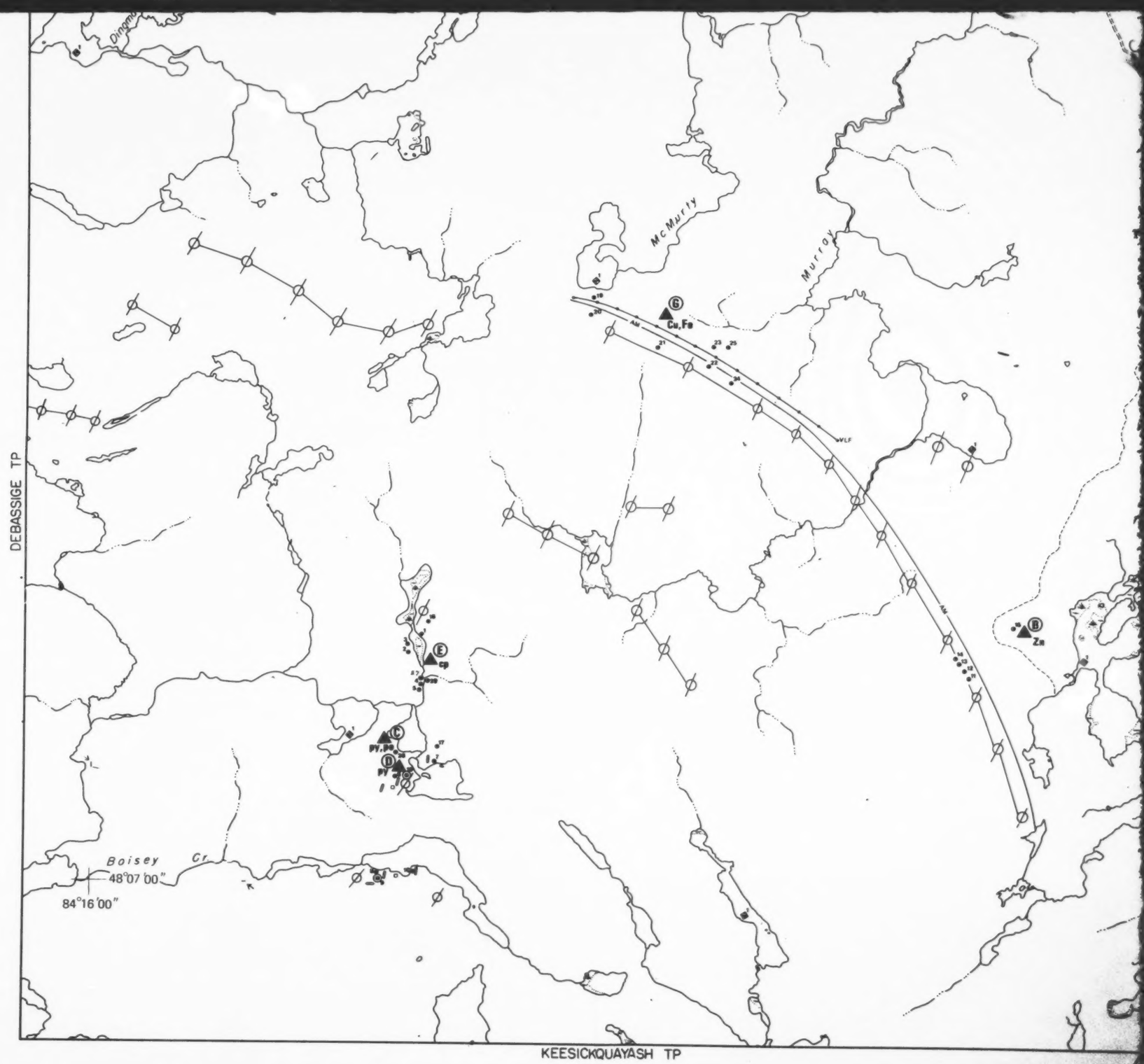
NOTE: Consult the text that accompanies this map for pertinent lists of data, references, and abbreviations.



EXPLORATION DATA MAP

GEOLOGICAL DATA INVENTORY FOLIO 298

(Map 2 of 2)

DOLSON TOWNSHIP

DISTRICT OF ALGOMA

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

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GEOLOGICAL AND MINING SYMBOLS

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- cp A. — Mineralized float with reference letter

DRILLHOLE

- ●² — Location of single drillhole, with reference number
- ◉² — Location of closely spaced group of drillholes, with reference number
- (?)² — Drillhole, exact location uncertain, with reference number
- Property with underground drillholes in this general area, with reference number
- ○² — Property with drillholes which have not been plotted on map, with reference number
- ⊕² — Reverse circulation drillhole; churn drilling, with reference number